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This Service Information Bulletin supersedes SI B11 16 15 **dated September 2015**

**SUBJECT****N20 and N26 engine: Smoke from Exhaust when Starting a Cold Engine****MODEL**

E84 (E84)

E89 (Z4)

F10 (5 Series Sedan)

F25 (X3)

F30 (3 Series Sedan)

F31 (3 Series Sports Wagon)

F32 (4 Series Coupe)

F33 (4 Series Convertible)

F34 (3 Series Gran Turismo)

F36 (4 Series Gran Coupe)

**NEW SITUATION**

When starting a cold engine, blue smoke can be seen emitting from the exhaust tailpipe for approximately 10-20 seconds.

No turbo charger boost faults are stored and no drivability issues can be detected.

**NEW CAUSE**

When the vehicle is parked overnight the engine oil pressure will equalize and may leak past the turbo charger exhaust side turbine seal.

**NEW PROCEDURE**

Replace the engine oil feed line to the turbo charger using part number 11 42 8 648 368.

The new oil supply line will incorporate a check valve on the engine side of the engine oil feed line that will eliminate the engine oil pressure equalization via the turbo charger exhaust side turbine seal.

Refer to Repair Instruction 11 42 198 “Removing and installing oil feed line for exhaust turbocharger”.

**NEW PARTS INFORMATION**

Part Number	Description	Quantity
11 42 8 648 368	Engine oil feed line, turbocharger	1

Refer to ETK and the repair instructions for onetime use fastener and component information regarding additional screws, gaskets and seals.

**NEW WARRANTY INFORMATION**

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

<b>Defect Code:</b>	<b>11 12 90 48 00</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 62 279	Refer to KSD2	Check for leaks and replace oil feed line for exhaust turbocharger

If you are using a Main labor code for another repair, use the Plus code labor operation 00 62 982 instead.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowances.

And, as necessary:

**Sublet – Bulk Materials**

Sublet Code 4	See sublet reimbursement calculation below	Reimbursement for the repair-related bulk materials (Please do not use the part numbers for claim submission)
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Sublet reimbursement calculation for claiming the “used quantities” of repair-related bulk materials (BMW part numbers) is at dealer net plus your center’s handling.

Enter this material cost in sublet and itemize the amount on the repair order and in claim comment section.

**Overlapping Labor – Other Repairs**

If invoicing KSD2 flat rate labor operation codes for other repair work results in overlapping labor, invoice work time (WT) labor operation 00 50 000 instead for the additional labor time needed (FRUs minus the overlapping labor).

Work time labor operation code 00 50 000 is not considered a Main labor operation.

Eligible other repair work that will be claimed under a difference defect code requires separate punch times.

On the repair order and in the claim comment section, please identify the labor operations labor operation code 00 50 000 replaces and itemize the claimed FRU amount.

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